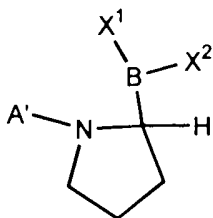# Appendix A

35.   (Thrice Amended)   A mixture of stereoisomers consisting of a compound of the following structure and at least one stereoisomer thereof:

wherein each X^1 and X^2 is, independently, a hydroxyl group or a group that is hydrolyzed to a hydroxyl group at physiological pH;

wherein at least 96% of the carbon atoms bearing boron are of the L-configuration;

wherein A' comprises an amino acid; and

wherein each of the compounds inhibits DP-IV activity.

36.   (Amended)   The mixture of claim 35, wherein X^1 and X^2 are hydroxyl groups.

37.   (Cancelled)

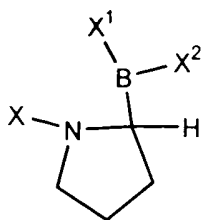38.   (Cancelled)

39.   (Amended)   The mixture of claim 35, wherein 99% of the carbon atoms bearing boron are of the L-configuration.

40.   (Amended)   The mixture of claim 35, wherein A' is valine.

41.   (Amended)   The mixture of claim 35, wherein A' is alanine.

42.   (Thrice Amended)   A mixture of stereoisomers consisting of a compound of the

following structure and at least one stereoisomer thereof:

$$\begin{array}{c} X^1 \\ \diagdown \\ B \!\!-\!\! X^2 \\ X\!\!-\!\!N \!\!-\!\! C \!\!-\!\! H \end{array}$$

wherein each X^1 and X^2 is, independently, a hydroxyl group or a group that is hydrolyzed to a hydroxyl group at physiological pH;

wherein at least 96% of the carbon atoms bearing boron are of the L-configuration;

wherein X comprises an amino acid or a peptide; and

wherein each of the compounds inhibits DP-IV activity.

43.   (Amended)   The mixture of claim 42, wherein X^1 and X^2 are hydroxyl groups.
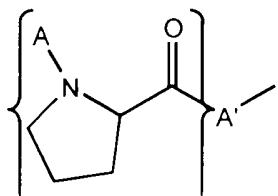

44.   (Cancelled)

45.   (Cancelled)

46.   (Amended)   The mixture of claim 42, wherein 99% of the carbon atoms bearing boron are of the L-configuration.

47.   (Amended)   The mixture of claim 42, wherein X is an L-amino acid.

48.   (Amended)   The mixture of claim 43, wherein X is a peptide having the structure

wherein m is an integer between 0 and 10, inclusive; and

wherein A and A' are L-amino acid residues such that the A in each repeating bracketed unit can be the same or a different amino acid residue.

49.   (Amended)   The mixture of claim 48, wherein A and A' are independently proline or alanine residues.

50.   (Amended)   The mixture of claim 48, wherein m is an integer between 1 and 10.

51.   (Amended)   The mixture of claim 48, wherein m is 1.